

Listing of Claims:

1-5. (Cancelled).

6. (Currently amended) A method for treating an area having a need for dust control or soil stabilization, comprising:

applying to an area in need of at least one of dust control and soil stabilization an effective amount of an aqueous dust control and soil stabilizing composition comprising a dissolved sugar solid, wherein said dissolved sugar solid comprises at least one monosaccharide.

7. (Previously presented) The method of claim 6, including wherein said dissolved sugar solid comprises between about 2 percent to about 60 percent by weight of a monosaccharide.

8. (Previously presented) The method of claim 6, including wherein said dissolved sugar solid comprises between about 12 percent to about 18 percent by weight of a monosaccharide.

9. (Previously presented) The method of claim 6, including wherein said composition further comprises a hygroscopic salt.

10. (Previously presented) The method of claim 9, including wherein said hygroscopic salt is selected from the group consisting of magnesium chloride and calcium chloride.

11. (Previously presented) The method of claim 6, including wherein the sugar profile of said dissolved sugar solid comprises between about 2 to about 60 percent dextrose, between about 2 to about 60 percent maltose, between about 2 to about 60 percent maltotriose, and between about 15 to about 80 percent polymers of dextrose.

12. (Previously presented) The method of claim 7, including wherein said monosaccharide comprises dextrose.

13. (Cancelled).

14. (Previously presented) A method for treating an area having a need for dust control or soil stabilization comprising:

applying to the area having a need for at least one of dust control and soil stabilization a sugar-water solution having between about 15 to about 80 percent by weight of a dissolved sugar solid, wherein said dissolved sugar solid comprises between about 2 to about 60 percent by weight of a monosaccharide;

and a salt.

15. (Previously presented) The method of claim 14, including wherein said dissolved sugar solid comprises between about 12 to about 18 percent of said monosaccharide.

16. (Previously presented) The method of claim 15, including wherein said salt is a hygroscopic salt.

17. (Previously presented) The method of claim 16, including wherein said hygroscopic salt is selected from the group consisting of magnesium chloride and calcium chloride.

18-22. (Cancelled).

23. (Currently amended) A method for treating an area having a need for dust control or soil stabilization comprising:

applying to the area having a need for at least one of dust control and soil stabilization a composition comprising between about 5 percent to about 50 percent by weight on a dry basis of a sugar solid, wherein said sugar solid comprises at least one monosaccharide.

24. (Previously presented) The method of claim 23, including wherein said sugar solid comprises between about 2 percent to about 60 percent by weight of a monosaccharide.

25. (Previously presented) The method of claim 23, including wherein said composition further comprises between about 60 percent to about 90 percent by weight on a dry basis of salt.

26. (Previously presented). The method of claim 6, 9, 10, 14 or 23, including wherein said composition further comprises lignin.

27. (Previously presented) The method of claim 6, 9, 10, 14 or 23, including wherein said composition further comprises a tracer.

28. (Previously presented) The method of claim 27, including wherein said tracer is a fluorescent dye.

29-35. (Cancelled).